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NEWS

NMTBA
The Association For Manufacturing Technology

FOR RELEASE: October 29, 1990
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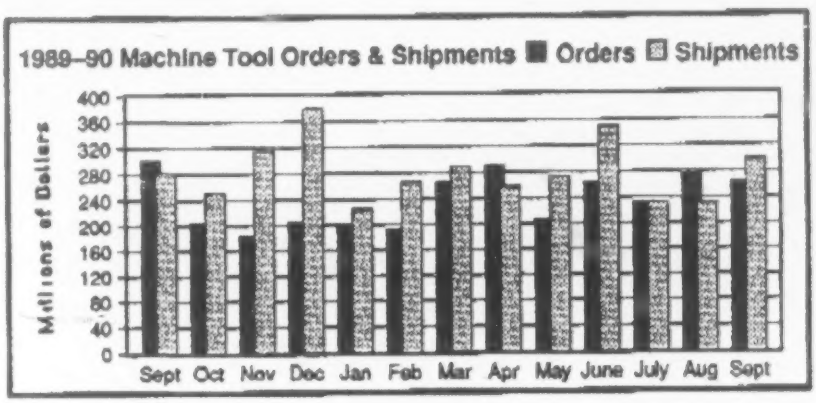
September machine tool shipments up 29%

September machine tool shipments totaled $298.70 million, up 29% compared to August's $231.35 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. At $2,428.00 million, year–to–date shipments are up 7.9% from the $2,251.00 million for the same period in 1989. Compared to September last year, September 1990 shipments are up 5.9%.



Machine tool orders in September totaled $264.20 million, down 4.6% from August's $276.80 million. At $2,197.90 million, year–to–date orders are almost level with the $2,212.25 million tallied in the same period in 1989. September 1990 orders are down 12.7% compared to the same month last year.

Albert W. Moore, NMTBA president, said, "In spite of current economic uncertainties, the demand for manufacturing technology is holding firm. We are particularly pleased to note that foreign orders continue to run strong. Year–to–date foreign orders are up 13%, a good indication that America's machine tool builders are globally competitive. Worldwide, the need for new process technology is growing — and so is the competition to fill that need. U.S. manufacturers must make every effort to maintain and to improve their competitive position."

(more)

Metal Cutting

September metal cutting orders were $209.00 million, down 8.6% compared to August. Year-to-date metal cutting orders reached $1,573.00 million, 1.9% above the same period in 1989. Compared to September 1989, this September's orders are up 8.6%.

At $189.75 million, metal cutting shipments for September are 21.8% ahead of August. Year-to-date metal cutting shipments moved up to $1,691.95 million, a 3.6% improvement compared to the same period in 1989. Compared to September last year, September 1990 metal cutting shipments were down 17.0%.

Metal Forming

September metal forming orders rose to $55.20 million, 14.4% above August's figure. Year-to-date metal forming orders total $624.90 million, down 6.5% compared to 1989. Comparing September 1990 to September 1989, metal forming orders are down 49.9%.

From August to September, metal forming shipments rose 44.1% to $108.95 million. Year-to-date metal forming shipments stand at $736.05 million, up 19.2% compared to the same period in 1989. Comparing September 1990 to September 1989, metal forming shipments are up 103.6%.

Backlog

The machine tool order backlog for September 1990 is $1,573.50 million, down from August's $1,608.00 million. The September 1989 backlog was $2,152.50 million.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
SEP 1990	190.60	18.40	209.00	45.90	9.30	55.20	236.50	27.70	264.20
AUG 1990	212.20	16.35	228.55	47.95	.30	48.25	260.15	16.65	276.80
% CHANGE SEP 1990:AUG 1990	-10.2	+12.5	-8.6	-4.3	+3,000.0	+14.4	-9.1	+66.4	-4.6
SEP 1989	174.50	17.95	192.45	105.00	5.15	110.15	279.50	23.10	302.60
% CHANGE SEP 1990:SEP 1989	+9.2	+2.5	+8.6	-56.3	+80.6	-49.9	-15.4	+19.9	-12.7
YEAR TO DATE 1990	1,341.55	231.45	1,573.00	542.05	82.85	624.90	1,883.60	314.30	2,197.90
YEAR TO DATE 1989	1,343.75	200.25	1,544.00	589.75	78.50	668.25	1,933.50	278.75	2,212.25
% CHANGE 1990 : 1989	-0.2	+15.6	+1.9	-8.1	+5.5	-6.5	-2.6	+12.8	-0.6

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
SEP 1990	168.10	21.65	189.75	94.30	14.65	108.95	262.40	36.30	298.70
AUG 1990	135.85	19.90	155.75	61.30	14.30	75.60	197.15	34.20	231.35
% CHANGE SEP 1990:AUG 1990	+23.7	+8.8	+21.8	+53.8	+2.4	+44.1	+33.1	+6.1	+29.1
SEP 1989	188.75	39.75	228.50	44.45	9.05	53.50	233.20	48.80	282.00
% CHANGE SEP 1990:SEP 1989	-10.9	-45.5	-17.0	+112.1	+61.9	+103.6	+12.5	-25.6	+5.9
YEAR TO DATE 1990	1,468.80	223.15	1,691.95	653.30	82.75	736.05	2,122.10	305.90	2,428.00
YEAR TO DATE 1989	1,435.75	197.95	1,633.70	523.35	93.95	617.30	1,959.10	291.90	2,251.00
% CHANGE 1990 : 1989	+2.3	+12.7	+3.6	+24.8	-11.9	+19.2	+8.3	+4.8	+7.9

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.60	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.55	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.10	$ 233.30	$ 34.70	$ 268.00
MAR	$ 189.55	$ 76.30	$ 265.85	$1,682.05	$ 246.25	$ 42.65	$ 288.90
APR	$ 264.70	$ 24.55	$ 289.25	$1,713.20	$ 218.35	$ 39.75	$ 258.10
MAY	$ 181.30	$ 25.15	$ 206.45	$1,646.70	$ 243.30	$ 29.65	$ 272.95
JUN	$ 221.10	$ 44.15	$ 265.25	$1,561.70	$ 310.95	$ 39.30	$ 350.25
JUL	$ 213.95	$ 20.30	$ 234.25	$1,562.55	$ 211.35	$ 22.05	$ 233.40
AUG	$ 260.15	$ 16.65	$ 276.80	$1,608.00	$ 197.15	$ 34.20	$ 231.35
SEP (P)	$ 236.50	$ 27.70	$ 264.20	$1,573.50	$ 262.40	$ 36.30	$ 298.70
9 MONTHS	$1,883.60	$ 314.30	$2,197.90		$2,122.10	$ 305.90	$2,428.00

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
APR	$ 278.80	$ 24.70	$ 303.50	$ 14.10	$ .15	$ 14.25
MAY	$ 195.60	$ 25.95	$ 221.55	$ 14.30	$ .80	$ 15.10
JUN	$ 226.95	$ 47.65	$ 274.60	$ 5.85	$ 3.50	$ 9.35
JUL	$ 224.45	$ 26.15	$ 250.60	$ 10.50	$ 5.85	$ 16.35
AUG	$ 266.60	$ 24.05	$ 290.65	$ 6.45	$ 7.40	$ 13.85
SEP (P)	$ 241.80	$ 28.30	$ 270.10	$ 5.30	$ .60	$ 5.90
9 MONTHS	$1,962.90	$ 339.10	$2,302.00	$ 79.30	$ 24.80	$ 104.10

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

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INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.30	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.25	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.05	$ 143.60	$ 25.90	$ 169.50
MAR	$ 132.60	$ 65.60	$ 198.20	$1,333.10	$ 179.80	$ 34.35	$ 214.15
APR	$ 187.45	$ 19.20	$ 206.65	$1,370.80	$ 141.65	$ 27.30	$ 168.95
MAY	$ 116.80	$ 21.00	$ 137.80	$1,314.45	$ 172.30	$ 21.85	$ 194.15
JUN	$ 151.20	$ 37.40	$ 188.60	$1,227.35	$ 240.10	$ 35.60	$ 275.70
JUL	$ 132.55	$ 14.20	$ 146.75	$1,212.30	$ 144.00	$ 17.80	$ 161.80
AUG	$ 212.20	$ 16.35	$ 228.55	$1,285.10	$ 135.85	$ 19.90	$ 155.75
SEP (P)	$ 190.60	$ 18.40	$ 209.00	$1,304.35	$ 168.10	$ 21.65	$ 189.75
9 MONTHS	$1,341.55	$ 231.45	$1,573.00		$1,468.80	$ 223.15	$1,691.95

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
APR	$ 199.40	$ 19.30	$ 218.70	$ 11.95	$ .10	$ 12.05
MAY	$ 130.20	$ 21.75	$ 151.95	$ 13.40	$ .75	$ 14.15
JUN	$ 155.40	$ 40.85	$ 196.25	$ 4.20	$ 3.45	$ 7.65
JUL	$ 142.95	$ 20.00	$ 162.95	$ 10.40	$ 5.80	$ 16.20
AUG	$ 216.60	$ 17.05	$ 233.65	$ 4.40	$ .70	$ 5.10
SEP (P)	$ 194.50	$ 18.95	$ 213.45	$ 3.90	$ .55	$ 4.45
9 MONTHS	$1,408.40	$ 248.95	$1,657.35	$ 66.85	$ 17.50	$ 84.35

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

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INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.30	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.30	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.05	$ 89.70	$ 8.80	$ 98.50
MAR	$ 56.95	$ 10.70	$ 67.65	$ 348.95	$ 66.45	$ 8.30	$ 74.75
APR	$ 77.25	$ 5.35	$ 82.60	$ 342.40	$ 76.70	$ 12.45	$ 89.15
MAY	$ 64.50	$ 4.15	$ 68.65	$ 332.25	$ 71.00	$ 7.80	$ 78.80
JUN	$ 69.90	$ 6.75	$ 76.65	$ 334.35	$ 70.85	$ 3.70	$ 74.55
JUL	$ 81.40	$ 6.10	$ 87.50	$ 350.25	$ 67.35	$ 4.25	$ 71.60
AUG	$ 47.95	$ .30	$ 48.25	$ 322.90	$ 61.30	$ 14.30	$ 75.60
SEP (P)	$ 45.90	$ 9.30	$ 55.20	$ 269.15	$ 94.30	$ 14.65	$ 108.95
9 MONTHS	$ 542.05	$ 82.85	$ 624.90		$ 653.30	$ 82.75	$ 736.05

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
APR	$ 79.40	$ 5.40	$ 84.80	$ 2.15	$ .05	$ 2.20
MAY	$ 65.40	$ 4.20	$ 69.60	$ .90	$ .05	$ .95
JUN	$ 71.55	$ 6.80	$ 78.35	$ 1.65	$ .05	$ 1.70
JUL	$ 81.50	$ 6.15	$ 87.65	$ .10	$ .05	$ .15
AUG	$ 50.00	$ 7.00	$ 57.00	$ 2.05	$ 6.70	$ 8.75
SEP (P)	$ 47.30	$ 9.35	$ 56.65	$ 1.40	$ .05	$ 1.45
9 MONTHS	$ 554.50	$ 90.15	$ 644.65	$ 12.45	$ 7.30	$ 19.75

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

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QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

(Dollar Figures in Thousands)
1984 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,800	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,800	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	968,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2	881,300	108,700	760,950	638,800	84,750	533,050	242,500	23,950	227,900
3P	763,450	92,550	775,250	587,300	59,350	584,300	256,150	33,200	190,950
Total	$2,428,000	$305,900	$2,197,900	$1,691,950	$223,150	$1,573,000	$ 736,050	$ 82,750	$ 624,900

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

October 29, 1990

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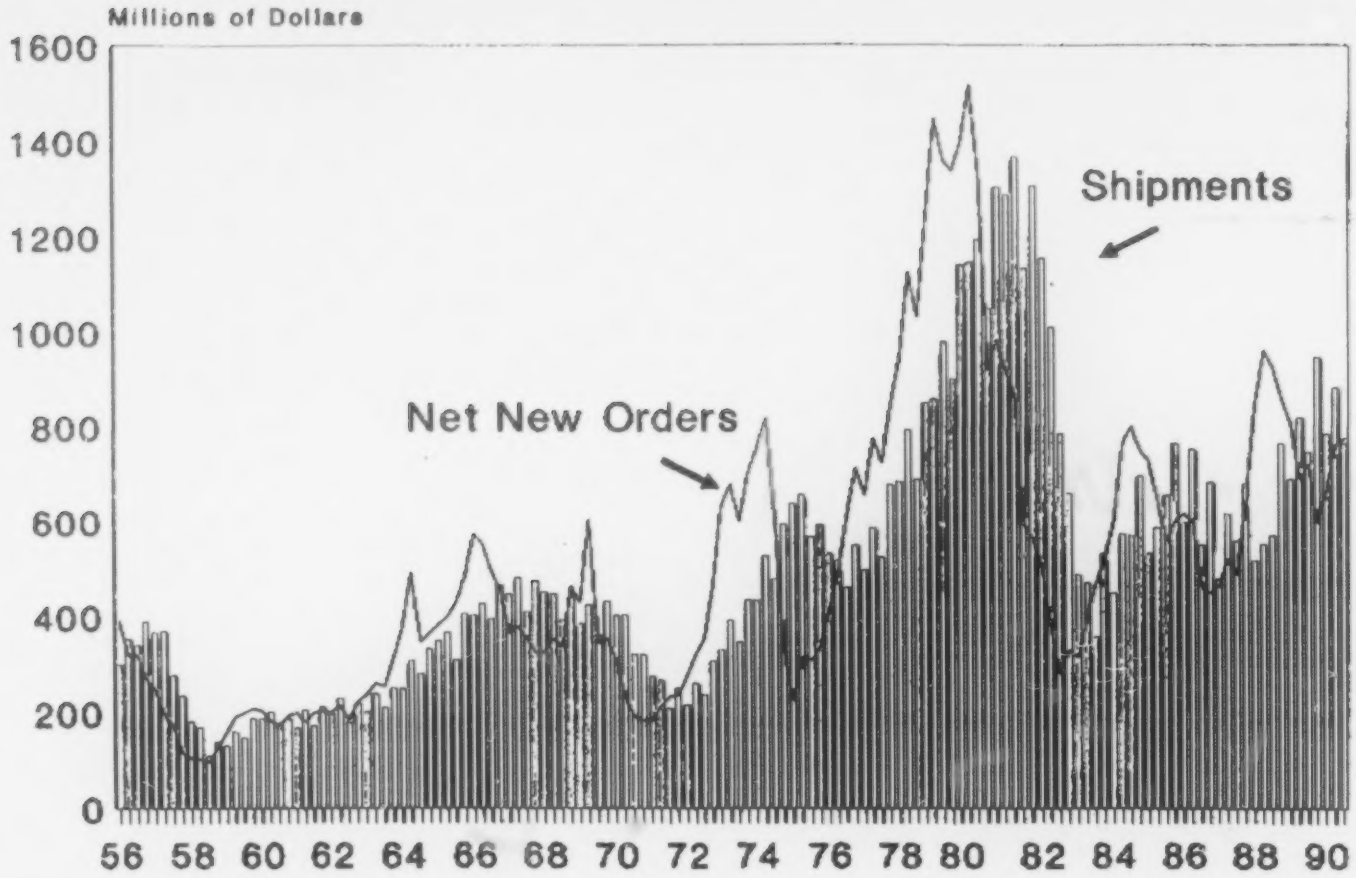
Total Machine Tools
Shipments and Net New Orders, Quarterly



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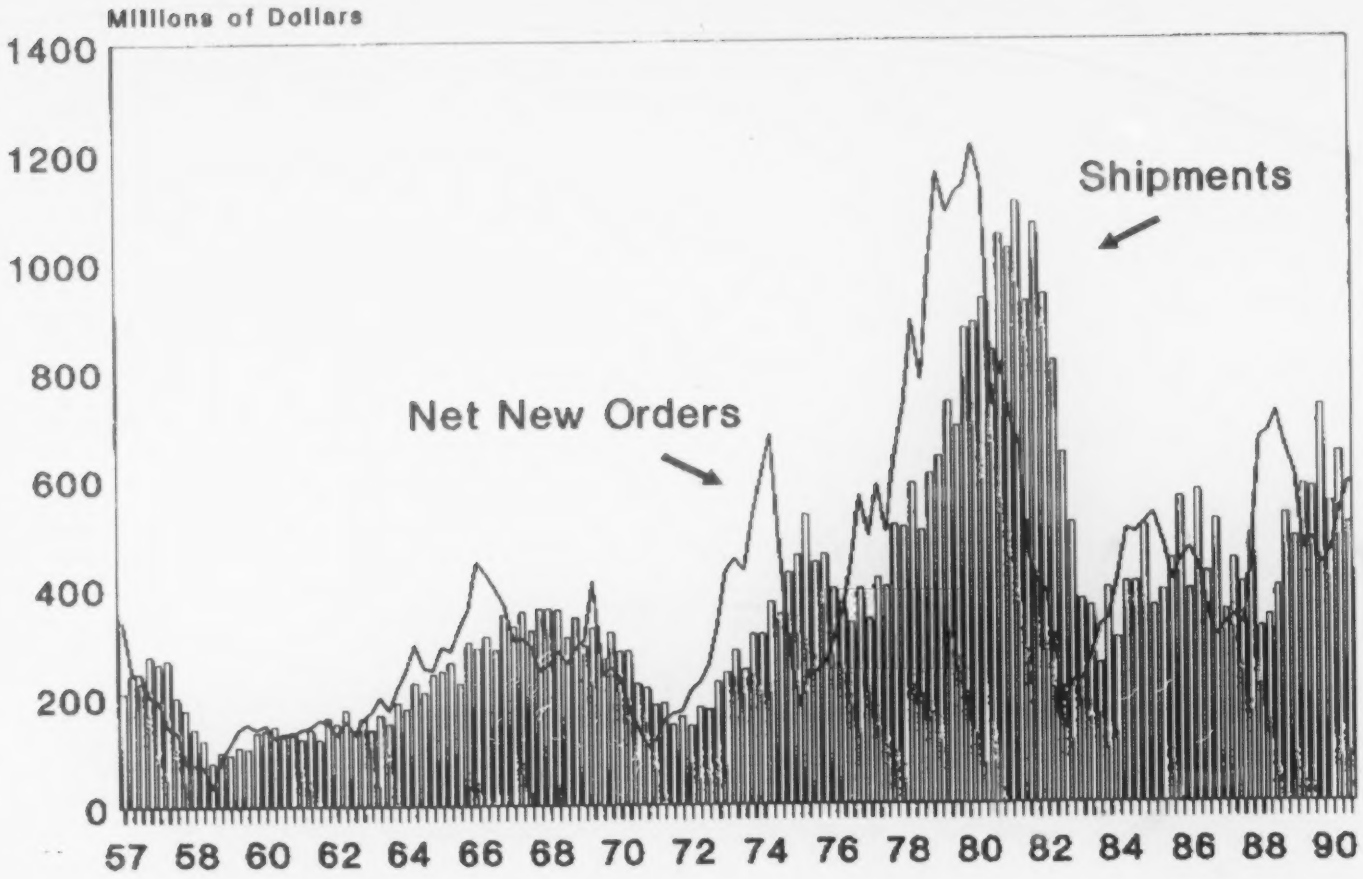
Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



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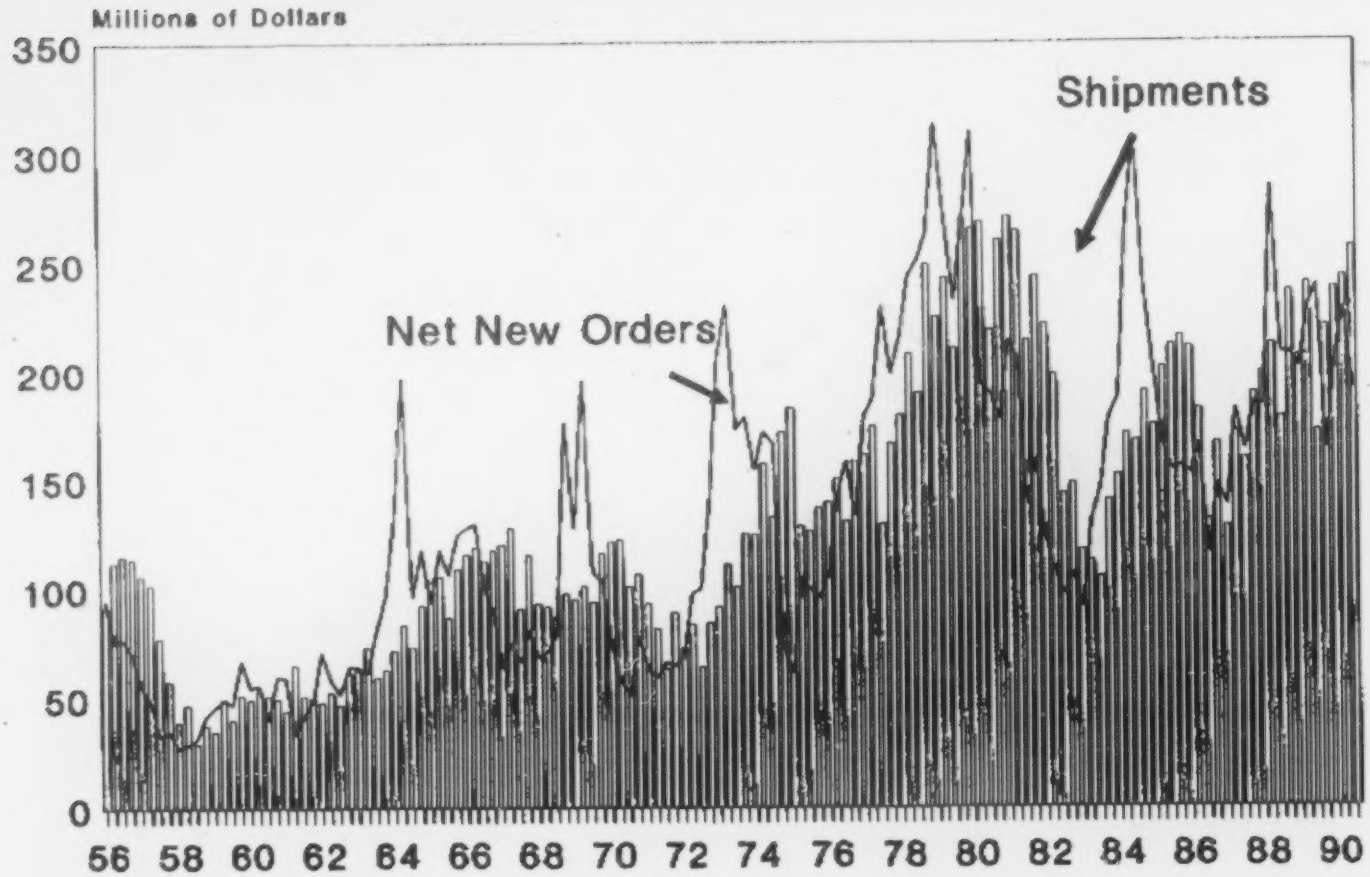
Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly



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